# **Additional Resources**

Here are some useful links for further reading:

**1.** [**Dynamo**](https://www.allthingsdistributed.com/files/amazon-dynamo-sosp2007.pdf) - Highly Available Key-value Store

**2.** [**Kafka**](http://notes.stephenholiday.com/Kafka.pdf) - A Distributed Messaging System for Log Processing

**3.** [**Consistent Hashing**](https://www.akamai.com/es/es/multimedia/documents/technical-publication/consistent-hashing-and-random-trees-distributed-caching-protocols-for-relieving-hot-spots-on-the-world-wide-web-technical-publication.pdf) - Original paper

**4.** [**Paxos**](https://www.microsoft.com/en-us/research/uploads/prod/2016/12/paxos-simple-Copy.pdf) - Protocol for distributed consensus

**5.** [**Concurrency Controls**](http://sites.fas.harvard.edu/~cs265/papers/kung-1981.pdf) - Optimistic methods for concurrency controls

**6.** [**Gossip protocol**](http://highscalability.com/blog/2011/11/14/using-gossip-protocols-for-failure-detection-monitoring-mess.html) - For failure detection and more.

**7.** [**Chubby**](http://static.googleusercontent.com/media/research.google.com/en/us/archive/chubby-osdi06.pdf) - Lock service for loosely-coupled distributed systems

**8.** [**ZooKeeper**](https://www.usenix.org/legacy/event/usenix10/tech/full_papers/Hunt.pdf) - Wait-free coordination for Internet-scale systems

**9.** [**MapReduce**](https://static.googleusercontent.com/media/research.google.com/en//archive/mapreduce-osdi04.pdf) - Simplified Data Processing on Large Clusters

**10.** [**Hadoop**](http://storageconference.us/2010/Papers/MSST/Shvachko.pdf) - A Distributed File System